

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A picture display apparatus comprising:

virtual picture storage means for storing a virtual picture;

a plurality of information processing means for carrying out specified processing and for rendering a picture pertinent to said specified processing on said virtual picture;

re-rendering range calculating means for calculating, in case a picture rendered by a preset one of said plural information processing means is re-rendered, only a the smallest range of pixels including a picture prior to re-rendering and a picture subsequent to re-rendering, as a re-rendering range; and

re-rendering requesting means for requesting picture re-rendering to other information processing means rendering only a picture or pictures in said re-rendering range, said re-rendering requesting means requesting picture re-rendering at each pixel location in the re-rendering range as the picture is moved from the picture prior to re-rendering to the picture subsequent to re-rendering.

Claim 2 (Previously Presented): The picture display apparatus according to claim 1 wherein a rendering position for a picture rendered by said information processing means is predetermined and wherein said re-rendering range calculating means calculates the re-rendering range based on a predetermined rendering position.

Claim 3 (Currently Amended): A picture display method for displaying pictures, generated by a plurality of applications, on a sole real picture surface, comprising:

calculating, in case of re-rendering a picture generated by one of said applications, only ~~a~~ the smallest range of pixels including a picture prior to re-rendering and a picture subsequent to re-rendering, as a re-rendering range;

requesting re-rendering of only a picture to the application which has generated the picture included in said re-rendering range, said requesting including requesting re-rendering of the picture at each pixel location in the re-rendering range as the picture is moved from the picture prior to re-rendering to the picture subsequent to re-rendering; and

displaying a picture, rendered in said requesting re-rendering step, on a real picture surface.

Claim 4 (Currently Amended): The picture display method according to claim 3 wherein a rendering position for a picture rendered by said one of said applications ~~information processing means~~ is predetermined and wherein said calculating includes calculates the re-rendering range based on said predetermined rendering position.

Claim 5 (Currently Amended): A picture display system comprising:  
virtual picture storage means for storing a virtual picture surface;  
at least one application for carrying out specified processing and for rendering a picture pertinent to said specified processing on said virtual picture surface; and  
a picture server for controlling the picture rendering function of said application;  
said picture server calculating a re-rendering range of only re-rendering of a ~~said~~ window by said application and requesting re-rendering of only said re-rendering range to another application rendering said ~~[[a]]~~ window in said re-rendering range, and said picture server requesting picture re-rendering at each pixel location in the re-rendering range as the

Application No. 10/551,429

Reply to Office Action of January 8, 2009

picture is moved from the picture prior to re-rendering to the picture subsequent to re-rendering.